AMENDMENTS TO THE CLAIMS

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1. (Currently Amended) A Coanda flow amplifier, comprising: a suction intake;

an outlet;

a fluid channel extending between the suction intake and the outlet; and a drive flow inlet that is in fluid flow communication with the fluid channel via a drive-flow discharge slit;

wherein the flow cross section of the drive-flow discharge slit is variably adjustable during operation of the Coanda flow amplifier.

- 2. (Previously Presented) The Coanda flow amplifier according to claim 1, wherein the drive-flow discharge slit can be completely closed.
- 3. (Previously Presented) The Coanda flow amplifier according to claim 1, wherein the Coanda flow amplifier comprises a flow-guiding element that is arranged between the suction intake and the outlet, and is axially displaceable along a longitudinal axis of the Coanda flow amplifier.

4. (Previously Presented) The Coanda flow amplifier according to claim 3, wherein:

the suction intake is arranged in a first housing section; and
the drive-flow discharge slit is formed between a downstream face of the
first housing section and an upstream face of the flow-guiding element.

- 5. (Previously Presented) The Coanda flow amplifier according to claim 3 wherein at least in an area of the drive-flow discharge slit, the flow-guiding element is surrounded by a chamber that connects the drive-flow inlet with the drive-flow discharge slit.
- 6. (Previously Presented) The Coanda flow amplifier according to claim 5, wherein the auxiliary displaceable flow-guiding element carries through to the second housing section and is guided in the second housing section in a sealed manner.
- 7. (Previously Presented) The Coanda flow amplifier according to claim 3, wherein:

the outlet is arranged in a third housing section; and

a downstream section of the flow-guiding element protrudes into the third housing section and is guided in the third housing section in a sealed manner.

8. (Previously Presented) The Coanda flow amplifier according to claim 7, wherein a sealing element seals the flow-guiding element against the third housing section; and

the sealing element is arranged in a groove formed on the third housing section and works together with a circumferential surface of the flow-guiding element.

- 9. (Previously Presented) The Coanda flow amplifier according to claim 6, wherein quasi-static sealing elements are provided to seal the flow-guiding element against at least one of the second and third housing sections.
- 10. (Previously Presented) The Coanda flow amplifier according to claim 3, wherein an actuating element is provided to effect the axial displacement of the flow-guiding element.
- 11. (Previously Presented) The Coanda flow amplifier according to claim 10, wherein the actuating element is a piezo actuator.
- 12. (Previously Presented) The Coanda flow amplifier according to claim 10, wherein the flow-guiding element is resiliently pre-loaded in a direction

opposite to the fluid-flow direction in the fluid channel to close the drive-flow discharge slit when the actuating element is in its inactive state.

13. (Withdrawn) A method for operating a Coanda flow amplifier having a suction intake, an outlet, a fluid channel extending between the suction intake and the outlet, and a drive flow inlet that is in fluid flow communication with the fluid channel via a drive-flow discharge slit, wherein the flow cross section of the drive-flow discharge slit is variably adjustable; said method comprising:

feeding a fluid flow that is to be amplified to a suction intake; feeding a drive-flow to the drive-flow inlet;

adjusting a variable flow cross section of the drive-flow discharge slit such that a pressure ratio between the output pressure of the drive flow when it leaves the drive-flow discharge slit and an intake pressure of the drive flow when it enters the drive-flow discharge slit does not exceed a critical pressure ratio.

14. (Withdrawn) The method according to claim 13, wherein the variable flow cross section of the drive-flow discharge slit is adjusted so that the pressure ratio between the output pressure of the drive flow when it leaves the drive-flow discharge slit and the intake pressure of the drive flow when it enters the drive-flow discharge slit is equal to the critical pressure ratio.

15. (Withdrawn) A fuel cell system comprising:

at least one fuel cell;

a fluid source;

a fluid line;

a Coanda flow amplifier arranged in the fluid line, with both a suction intake and an outlet of the Coanda flow amplifier being fluid-connected to the fluid line and a drive-flow inlet of the Coanda flow amplifier being fluid-connected to the fluid source;

wherein the Coanda flow amplifier includes,

a suction intake;

an outlet;

a fluid channel extending between the suction intake and the outlet; and a drive flow inlet that is in fluid flow communication with the fluid channel via a drive-flow discharge slit;

wherein the flow cross section of the drive-flow discharge slit is variably adjustable.

16. (Withdrawn) The fuel cell system according to claim 15, wherein the fluid line is a purge-gas feed line that is connected to the fuel cell.

- 17. (Withdrawn) The fuel cell system according to claim 15, wherein the fluid line is a cathode gas supply line that is connected to the fuel cell.
- 18. (Withdrawn) The fuel cell system according to claim 15, wherein the fluid line is a cold-starting-gas supply line that is connected to a cold-starting component.
- 19. (Withdrawn) The fuel cell system according to claim 15, wherein the fluid line is an exhaust-gas recirculation line for the recirculation of fuel cell exhaust gas.
- 20. (Withdrawn) The fuel cell system according to claim 19, wherein the exhaust gas recirculation line is an anode-exhaust-gas recirculation line for the recirculation of anode exhaust gas and the anode gas is supplied to the fuel cell from the fluid source.